

CLAIM AMENDMENTS

1 1. (currently amended) An armor comprising:

2 at least one projectile-destroying layer having a woven
3 ballistic fabric with yarn crossovers between weft and warp yarns
4 of high tensile strength and high-strength metal disks resistant to
5 disintegration upon impact with a projectile and ~~traversed by~~
6 through each of which at least one of the weft and warp yarns is
7 threaded at the crossovers and ~~orienting said~~ respective crossover
8 so that the disks so that are oriented transverse to the fabric
9 with their edges thereof are presented to flanks of a projectile
10 penetrating into the projectile-destroying layer [[and]] so as to
11 shred the projectile; and

12 at least one layer containing ballistic fibers for
13 trapping projectile fragments behind said projectile-destroying
14 layer.

1 2. (currently amended) The armor defined in claim 1
2 wherein said woven ballistic fabric is composed of ~~high tensile~~
3 ~~strength fibers resistant to disintegration upon impact with a~~
4 ~~projectile and~~ selected from the group which consists of aramid,
5 polyethylene and poly-p-phenylenebenzo-bis oxazole yarns.

1 3. (original) The armor defined in claim 2 wherein said
2 yarns have a denier between 19 and 1500 dtex.

1. 4. (currently amended) The armor defined in claim 3
2 wherein said ballistic fabric has a yarn density of 5 threads per
3 inch to 100 threads per inch.

1 5. (currently amended) The armor defined in claim 1
2 ~~which comprises~~ wherein there are a plurality of said projectile-
3 destroying layers and a plurality of said layers for trapping
4 projectile fragments in a ballistic fabric shell forming a body
5 armor.

1 6. (currently amended) The armor defined in claim 1
2 wherein said disks are composed of titanium, titanium alloy, or
3 other ductile metal or alloy capable of shredding a projectile
4 penetrating into the projectile-destroying layer.

1 7. (original) The armor defined in claim 6 wherein said
2 disks are circular.

1 8. (withdrawn) The armor defined in claim 6 wherein
2 said disks have irregular or polygonal contours.

1 9. (currently amended) The armor defined in claim 1
2 wherein said ballistic fiber is ~~a fiber resistant to disintegration~~
3 ~~upon impact with a projectile and~~ selected from the group which
4 consists of aramid, polyethylene or poly-p-phenylenebenzo-bis
5 oxazole fiber.

1 10. (currently amended) A projectile-destroying layer
2 for use in an armor and comprised of a woven ballistic fabric with
3 yarn crossovers between warp and weft yarns of aramid, polyethylene
4 or poly-p-phenylenebenzo-bis-oxazole fiber and metal disks
5 resistant to disintegration upon impact with a projectile and
6 anchored at at least some of said crossovers and consisting of a
7 metal capable of tearing apart a projectile entering said layer,
8 and selected from the group of titanium and titanium alloys, said
9 disks each being traversed by at least one of the warp and weft
10 yarns at ~~said crossovers and orienting said disks at the respective~~
11 crossovers so that the disks are oriented with their edges
12 transverse to the fabric and ~~thereof are~~ presented to flanks of a
13 projectile penetrating into the projectile-destroying layer [[and]]
14 so as to shred the projectile.

11. (canceled)

1 12. (currently amended) The projectile-destroying
2 layer defined in claim [[11]] 10 wherein said fabric is composed of
3 at least one yarn spun from a material resistant to disintegration
4 upon impact with a projectile and selected from the group which
5 consists of aramid, polyethylene or poly-p-phenylene benzo-bis-
6 oxazole fiber.

1 13. (currently amended) A projectile_destroying layer
2 for use in an armor and comprised of a woven ballistic fabric with
3 yarn crossovers between warp and weft yarns of aramid, polyethylene
4 or poly-p-phenylene benzo-bis-oxazole fiber and metal disks
5 resistant to disintegration upon impact with a projectile and
6 anchored at at least some of said crossovers and consisting of a
7 metal capable of tearing apart a projectile entering said layer,
8 and selected from the group of titanium and titanium alloys, said
9 disks each being traversed by at least one of the warp and weft
10 yarns at ~~said crossovers and orienting said disks~~ the respective
11 crossovers so that edges thereof of the disks are presented to
12 flanks of a projectile penetrating into the projectile_destroying
13 layer ~~[[and]]~~ so as to shred the projectile, said disks being
14 provided in a density of 10 to 500 per square inch.

1 14. (original) The projectile_destroying layer defined
2 in claim 13 wherein said fabric has a thread density for the warp
3 and weft of 5 to 100 threads per inch.

1 15. (original) The projectile_destroying layer defined
2 in claim 14 wherein said yarn has a diameter of 10 to 1500 dtex.

1 16. (original) A projectile_destroying structure for an
2 armor consisting of a plurality of layers as defined in claim 10.

1 17. (previously presented) The structure defined in
2 claim 16 which comprises 2 to 155 of said projectile_destroying
3 layers.

18. (canceled)

19. (canceled)